



NEWSLETTER
JUNE 1983

The Federal President's Column

The Ninth I.A.D.C. World Congress held in Melbourne last February was a great success and a milestone for dentistry in Australia. Dr. Roger Hall and his various committees must be congratulated for a job well done especially when they went it alone and without much outside help.

Their Excellencies Sir Ninian and Lady Stephens were in attendance at the Opening Ceremony and Sir Ninian gave the Opening Address.

There were approximately 300 delegates from all over the world at the Congress and many had the opportunity to meet up with friends and colleagues.

The Scientific Programme was of a high standard and it was a pity more Australian dentists did not attend.

The Ladies Committee should also be congratulated for their part in organising the social events and private entertainment. They went to a lot of expense and effort in order to make the home entertainment a success.

The Council honoured Australia by electing Roger Hall as President Elect of I.A.D.C. Again congratulations Roger for a well deserved honour. The other elected Board Members are Professor J.J. Murray (England) Honorary Secretary, Professor G. Falcolini (Italy) Honorary Editor, Dr. P. Heffer and

Dr. P. Rock Honorary Auditors, Dr. J. Vandeneeycken Legal Representative, and Professors M.M. Album and Pal Toth Honorary Members.

The 10th and 11th I.A.D.C. World Congress' will be held in Costa Rica in 1985 and Toronto Canada in 1987. The 12th I.A.D.C. Congress will be in Greece in 1989.

The Greek delegates presented the ASDC President a bust of Hygeia the Goddess of Health in Greek Mythology and it seems to me that it may have to be held at the Federal seat of ASDC in the future.

At the last ASDC Council Meeting I proposed that the next Federal elections be held in 1984 just prior to the NSW Divisional ASDC meeting. My proposal was accepted by all councillors and I urge all state councillors to be at the NSW meeting for the election of office bearers for 1984-1986.

Please try to make it in Sydney next year as I believe the NSW Division is organising an excellent meeting and we should all get together periodically to meet friends and colleagues and exchange knowledge and ideas.

Des G. Kailis

Federal Secretary's Report

Archives

Following my plea in the March issue of the Newsletter I am pleased to announce that Dr. Alistair Devlin, who has been a member of A.S.D.C. from its earliest days and who has also been secretary of the W.A. Branch since its formation, as well as having had the experience of being Federal Secretary (1977-79), has offered to become A.S.D.C. archivist.

For some time each incoming new Federal Secretary has been passed a mountain of accumulated documents of the society. I shall pass on the older documents to Alistair for sorting and proper preparation for preservation.

Would any members who have photographs or memorabilia please pass them on to Alistair whose address is:-
57 Burroughs Road, Karrinyup, WA 6018.

Membership

The membership presently is as follows:

Victorian Branch	82
N.S.W. Branch	36
Queensland Branch	32
S.A. Branch	21
W.A. Branch	13
	<u>184</u>

John W. Brownbill

NOTES FROM THE BRANCHES

Queensland Branch

The Queensland Branch held its first meeting of the year in the Owen Pearn Seminar Room on the 7th February. Dr. Gill Shearer, the guest speaker, gave a comprehensive review of endodontic management of anterior teeth. Members present were treated to an audio visual display as a large number of case histories were discussed. Two items of practice were also presented. Dr. Tom Condon gave details of anodontia in a two and a half year old child while Dr. Pat Comiskey sparked lively discussion with several cases of cystic lesions associated with root treated primary teeth within the School Dental Service.

Queensland sent a small contingent to the I.A.D.C. Conference in Melbourne but we managed to entice two overseas visitors back to the sunshine state for a special meeting in late February. Dr. Graham Roberts, Senior Lecturer and Honorary Consultant at the Royal Dental Hospital in London spoke on the Safety and Efficiency of Relative Analgesia. Dr. Roberts has published several research papers on this topic and has demonstrated a clear therapeutic effect of N.20 gaseous sedation, as distinct from a psychosomatic

effect. Dr. Guiliano Falcolini, Editor of the I.A.D.C. Journal and Newsletter, gave a short address on preventive instruction and health attitudes within his own practice in Rome.

At the next bimonthly meeting on the 11th April, Dr. Peter L'Estrange, the guest speaker, spoke about the etiology of T.M.J. Disorders in Children and Adolescents and outlined a method of diagnosis and treatment. A number of case studies were shown to help with the presentation of this complex problem. He also expressed concern at the number of cases which arise following orthodontic treatment.

Dr. Kerrod Hallett spoke of adverse gingival reactions following injections with the intra-ligament type syringes. No other members reported similar cases to date, although the depth of analgesia around deciduous molars was sometimes doubtful.

Elsewhere in this newsletter there is a notice concerning the Annual Clinic Day to be held at the A.D.A. House on August 6th. The Queensland Branch extends a cordial invitation to any interstate colleagues who may wish to attend.

Kerrod Hallett

N.S.W. Branch

At the first meeting of the year, in March, Miss Anne Robinson, Speech Therapist from Westmead Hospital, presented a very interesting talk on the 'Association between Dentistry and Speech Therapy in the Management of Ankyloglossia', and demonstrated the success of the team approach. The meeting was well attended with several guests from other related disciplines present.

The Branch's next meeting is to be a little different, and more ambitious. Dr. Arthur Telford from Melbourne has been invited to give two lectures on: 'Philosophy of Practice in 1983' and 'Practical Clinical Solutions'. Already interest for this meeting is most encouraging.

Membership for the year is similar to last years, with a total of 36 members. Planning is now well underway for the Biennial Convention which at this stage is set down for October 1984 (18th to 19th). The Convention is to be held at the Sydney Opera House. The Branch would like to thank the Immediate Past Secretary Dr. Ross Toll for the years of hard work, often taken for granted, that he capably performed.

Following submissions to the Dental Board of N.S.W. re: Requirements for Specialist Description, the Branch was asked to submit a panel of names from which Advisory Consultants may be selected in the future.

Alain Middleton

Victorian Branch

The Victorian Branch met on Thursday March 24th, 1983 at University House when fortysix members including guests attended.

Dr. Roger Hall reported on the 9th I.A.D.C. Congress held in Melbourne in February and illustrated his report with numerous slides of the occasion.

Dr. James Lucas reported that the book "Your Children's Teeth" launched during the 9th I.A.D.C. Congress and published by Pitman Publishing had received a good reception and was available through most pharmacies.

The lecture was presented by Dr. Steven Bowman, Senior Tutor at the Lincoln Institute of Health Sciences. The lecture was entitled "Myo-functional Therapy".

A substantial review of the literature on Myo-functional Therapy was given. The lecturer gave the indications for the incidence of the presence of tongue thrust during deglutition and he reviewed the various types of swallow behaviour. The etiology of aberrant tongue behaviour was also discussed. Traditional methods of myo-functional therapy were listed and some discussion followed on the validity of persevering with these methods. The lecturer gave his indications for the institution of myo-functional therapy as well as listed his contra-indications.

Preparations are well in hand for both the scientific and social programmes for the 6th Annual Convention Day to be held on Friday September 23rd, 1983 at the Peninsula Golf and Country Club at Frankston, Victoria. Members will be circulated with a brochure on this event in due course. Early application to attend this Convention Day is advisable as attendance will be limited by the capacity of the facility.

Gordon Hinrichsen

W.A. Branch

Because of the May school holidays, the usual May meeting has been postponed until June. The speaker for the evening will be Orthodontist, Peter Dillon, who will be speaking on the more practical side of removable appliances - in other words the design, activation and adjustment of appliances, as opposed to diagnostic considerations. In an endeavour to improve the attendance numbers, a new format will be employed this year. It is planned to meet at 5.30 pm for refreshments with the meeting proper getting under way at 6.00 pm. This will mean the meeting will be completed by a reasonably early time, and members won't be required to make an extra trip out, always a problem on wintry evenings.

Alistair Devlin

S.A. Branch

Our belated first meeting for the year was held on April 12th. Eighteen members and guests attended the Flinders Lodge Motel to hear Dr. Bob von Doussa, Principal of the School of Dental Therapy, speak on "Oral Pathology of Interest seen in a Pedodontic Clinic". Dr. von Doussa's presentation included some "bread and butter" pathology as well as some of the more unusual cases which have been seen at the Somerton Park School of Dental Therapy over the past eight years. The evening proved both educational and stimulating as it provoked considerable discussion between members.

Dr. Vita Luks was elected Vice-President (following the resignation of Dr. Micky Bevan) and Dr. Bruce Tidswell was elected S.A. Federal Councillor. Our office bearers for 1983 are:

President: Dr. Joe Verco
Vice President: Dr. Vita Luks
Sec/Treasurer: Dr. John Kibble
Fed.Councillor: Dr. Bruce Tidswell

The A.S.D.C. (SA Branch) Prize for 1982 was awarded to Mr. Mark Lerche for his results in 4th Year Children's Dentistry.

Our next meeting is to be held on Tuesday 28th June at the Flinders Lodge Motel, and Dr. Kevin Murphy will address us on "Oral Surgery for Children".

The S.A. Branch Committee is planning a S.A. Country Convention for 1984 - to coincide with the Adelaide Festival of Arts (1st - 18th March). The probable dates will be Friday 10th - Sunday 12th and initial enquiries have been made with a venue in the Southern Vales region - some 20 km south of Adelaide. An interesting array of speakers can be expected and members will be kept fully informed of developments.

John Kibble.



APPLICATIONS, both initial and renewal, are invited for Medical and Dental Post Graduate Research Scholarships tenable in Australia from 1 January 1984.

The scholarships are awarded to enable medical and dental graduates to gain full-time research experience and all candidates must enrol for a higher degree.

Appropriately qualified graduates who are Australian citizens and graduates from overseas who have permanent resident status and are at present residing in Australia are eligible to apply.

Initial applications should be made on the special white forms which are available, together with information on the salary scales and conditions of service associated with NH&MRC grants, from the administrative officers of universities, hospitals and other research institutions, or from the Secretary, National Health and Medical Research Council, P.O. Box 100, Woden, A.C.T. 2606.

Renewal applications should be made on the special blue forms also available from the above address.

Closing date for applications 30 June 1983.

FROM THE JOURNALS with John Burrow

ENAMEL MINERALIZATION DISTURBANCES IN
12 YEAR OLD CHILDREN WITH KNOWN EARLY
EXPOSURE TO FLUORIDES.

Enamel changes and caries experience were studied in 134 12-year-old children with a known exposure to fluoride tablets and/or fluoride containing tooth paste. The influence of birth weight and breast feeding period was also analyzed. A clinical intact enamel was found in 32% of the children. Enamel fluorosis was found in 45% and localized opacities or hypoplasias in 40%. Children who had consumed fluoride tablets for a period of at least 12 months from the age of 6 months ran a 5.4 times greater risk of developing enamel fluorosis than children with no such consumption. Thirty per cent of the children with localized opacities and/or hypoplasias had a history of trauma to the primary teeth. The changes in the enamel found in this study consist largely of perikymata patterning and may in the main be taken as evidence that the intake of even small amounts of fluorides appears to have an effect on the mineralization of the enamel. No aesthetic judgment of the appearance of the enamel has been made. (Holm and Anderson, Community Dent. Oral Epidemiol. 1982; 10: 335-339)

FREQUENCY OF ACCIDENTAL INTRAVASCULAR
INJECTION OF LOCAL ANAESTHETICS IN
CHILDREN.

The risk of inadvertent intravascular injection has long been recognised in the dental literature. Previous investigations on mixed age groups have shown that vascular penetration is not a rare occurrence and that, when the available figures are added together, in the region of 8% of all inferior dental nerve blocks are at risk of vascular penetration. Intravascular injection may lead to failure to achieve anaesthesia plus a variety of pharmacological consequences such as fainting, pallor, tremor and vomiting. A total of 642 inferior dental blocks were given to children aged between 7 and 16 years. The syringe used was of the Astra self-aspirating type. In this study 20% of the injections given to the 7 to 12-year group were positive, while only 10% in the 15 to 16-year age group were positive.

This study suggests that children, particularly junior school children, run a greater risk of receiving an intravascular injection of local anesthetic while at the same time being at greater risk of receiving a relative overdose anyway. The use of an indirect injection technique and in particular the universal adoption of an aspirating technique for all dental injections would help towards reducing these risks.

(Bishop P.T. British D.J. Feb. 5, 1983
154:76)

Australian Society of Dentistry for Children, Queensland Branch

Annual Clinic Day

DENTAL GENETICS

at ADA House Brisbane, Saturday 6th August 1983. Non members are most welcome.

- Speakers: John Gage - The chromosomal basis of inheritance. The modes of inheritance with dental emphasis.
- Lynette McAllan - Treatment of Amelogenesis & Dentinogenesis Imperfecta.
- Kim Seow - Vitamin D - resistant rickets.
- Case discussions - Participants are invited to submit to the secretary a short abstract of a case for presentation & panel discussion.

Also Tim McEniery will review caries data over the past 80 years for Queensland children.

.R.S.V.P. by Wednesday 6th July to The Secretary, Kerrod Hallett, Twin Parks
Shopping Centre, Synnum Road, Tingalpa, 4173. Ph. No: 390 6464.

Registration Form on Page 6.

FROM THE JOURNALS Continued

MOTTling ON DECIDUOUS INCISOR TEETH

Comparatively few detailed surveys of mottling in deciduous teeth have been reported. This may possibly be because earlier investigators like McKay stated that 'except in extremely rare instances the temporary teeth are not subject to this lesion' and Black wrote '...the deciduous teeth, in this respect are always normal'

Most authors agree that the prevalence of mottling is higher in permanent incisors than in deciduous incisor teeth. Different explanations have been put forward for this, the most simplistic being that deciduous enamel is thin, the teeth appear whiter and thus diagnosis of mottling is more difficult in these teeth. Some authors propose that the placenta acts as a barrier and also that breast-fed babies imbibe little fluoride compared to those whose feed is prepared from tap water. These authors obviously assume that fluoride causes the mottling but in the present study the prevalence of mottling was similar in both fluoride and low fluoride districts. As in the surveys of mottling on

permanent incisors it was found that mottling occurs more frequently in the incisal thirds and is usually asymmetrical. The most important conclusion to be drawn from these results is that fluoridation of the water supply at the optimum level does not induce mottling in deciduous teeth, over and above that found in communities without fluoridation of the water supply.

(Goward P.E. British D.J. Nov 16, 1982
153:367)

CEREBRAL ORIGIN OF DENTAL DECAY

Hard working students force the growth of their intellectual capacity at the expense of their teeth. It is said that the teeth undergo a rapid alteration in students who labour long, and that on the cessation of the hard work the dental disease dies away.

(Dental Cosmos 1883:25:438)

REGISTRATION FORM - ASDC CLINIC WEEKEND

Name: _____

Address: _____

Phone No: _____

Registration including lunch & teas

\$ 40.00

Dinner including wines. 7.30 pm

No. of persons _____ at \$30

Total Cheque enclosed

Applications to Dr. Kerrod Hallett - see p.5